

# Students' knowledge of general waste segregation and the role of multimedia in changing the approach.

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## *Abstract*

Waste segregation is a topic that has been discussed for years. The Regulation of the Minister of Environment of 29 December 2016, published in the Journal of Laws of the Republic of Poland of 4 January 2017, introduced the standardization of waste segregation into 5 fractions, i.e. bio-waste, metals, plastics, glass, paper. Thus, the obligation to segregate municipal waste into 5 fractions, i.e. bio-waste, metals and plastics, glass, paper, mixed waste, has been widespread in Poland since 1 July 2017. The issue covers the basic waste segregation in force in the Republic of Poland.

Taking into account the topic of the master's thesis Students' knowledge of general waste segregation and the role of multimedia in changing attitudes, the subjects of the research are students - of different years, studying different majors. The subject of the research is to determine the level of students' knowledge of general waste segregation and to find out whether various types of multimedia increase knowledge of the topic.

A diagnostic survey was used as the research method, using a questionnaire technique, in this case created on Google Forms conducted online or in person.

Preliminary results show that, despite the fact that six years have passed since the introduction of standardized waste segregation, students still have not acquired enough knowledge to be able to segregate waste in a non-intrusive way. For this purpose, I have developed a multimedia resource to improve students' knowledge.

## *References*

- Rozporządzenie z dnia 29 grudnia 2016 · Dz.U. 2017 poz. 19  
<https://isap.sejm.gov.pl/isap.nsf/download.xsp/WDU20170000019/O/D20170019.pdf>  
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## *Keywords*

waste segregation, fractions, standardised waste segregation system, waste bins, ecology